

FIG. 1

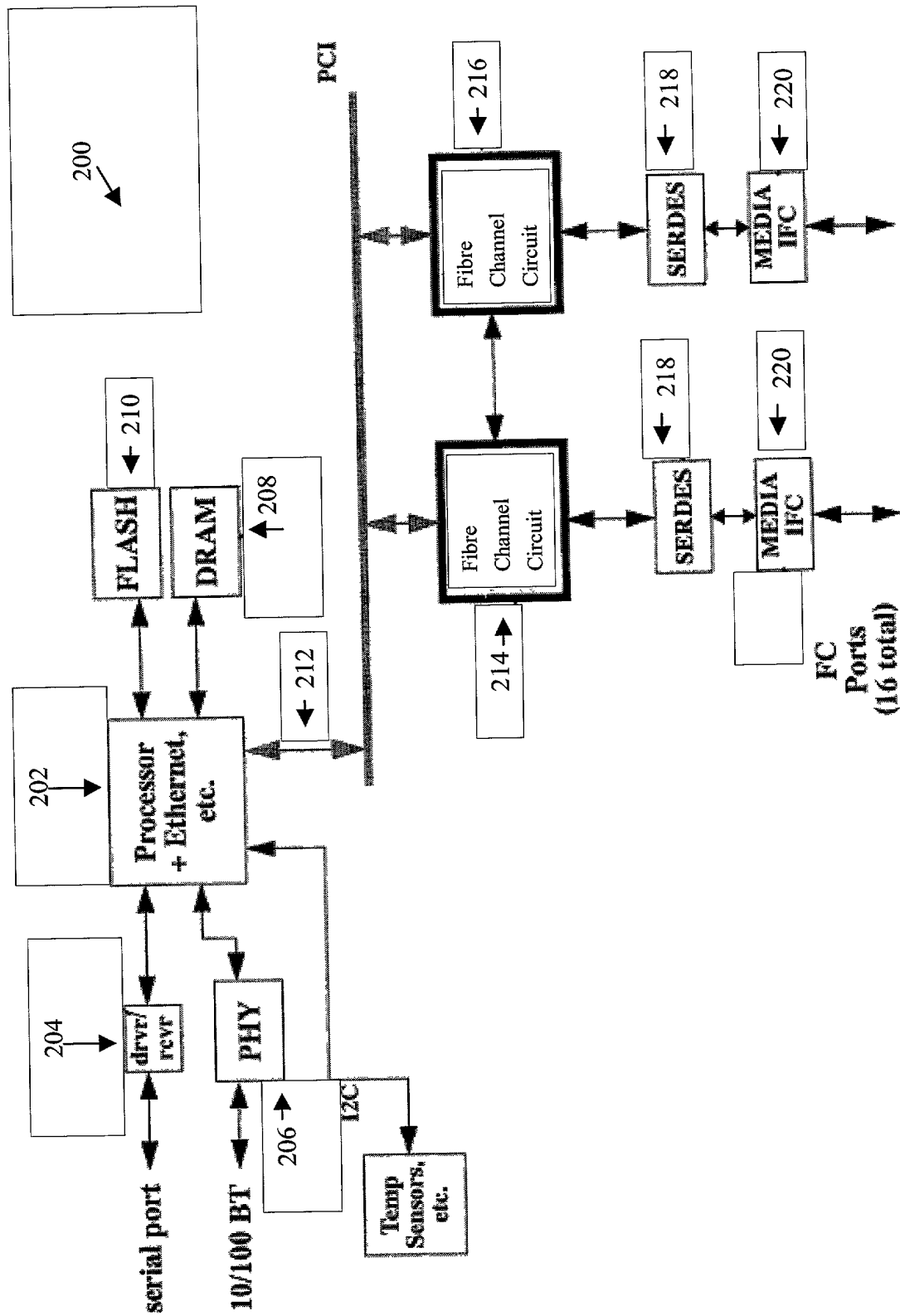


Figure 2

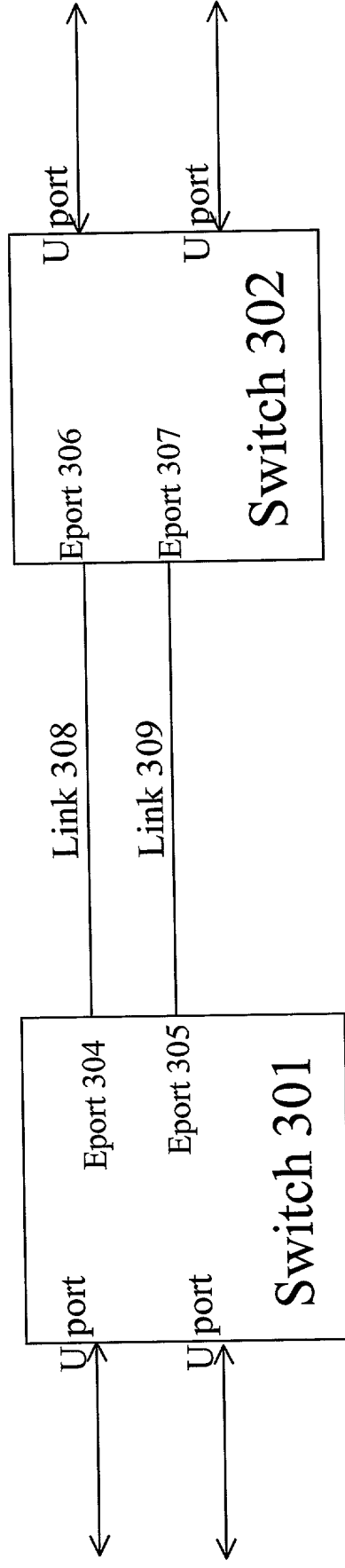


Figure 3

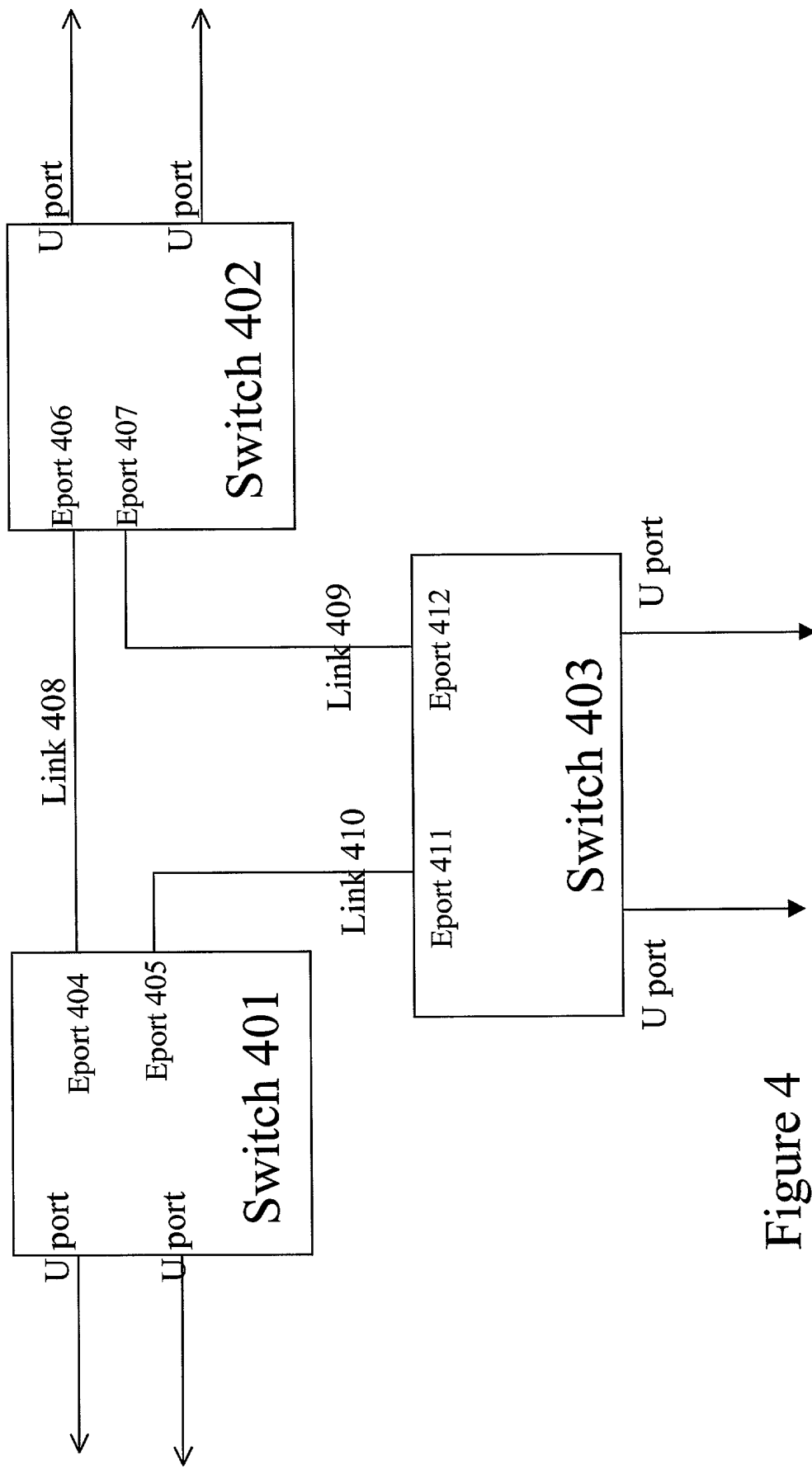


Figure 4

Figure 5a

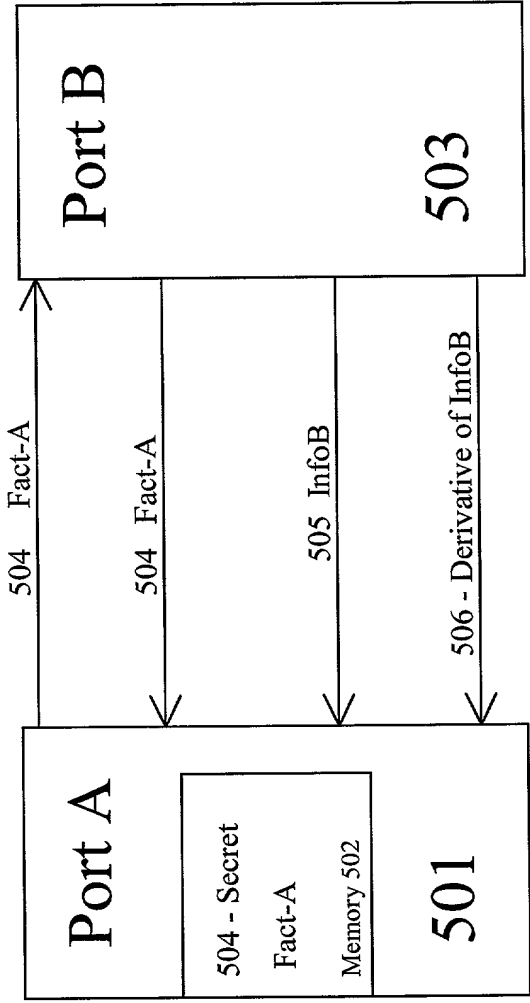
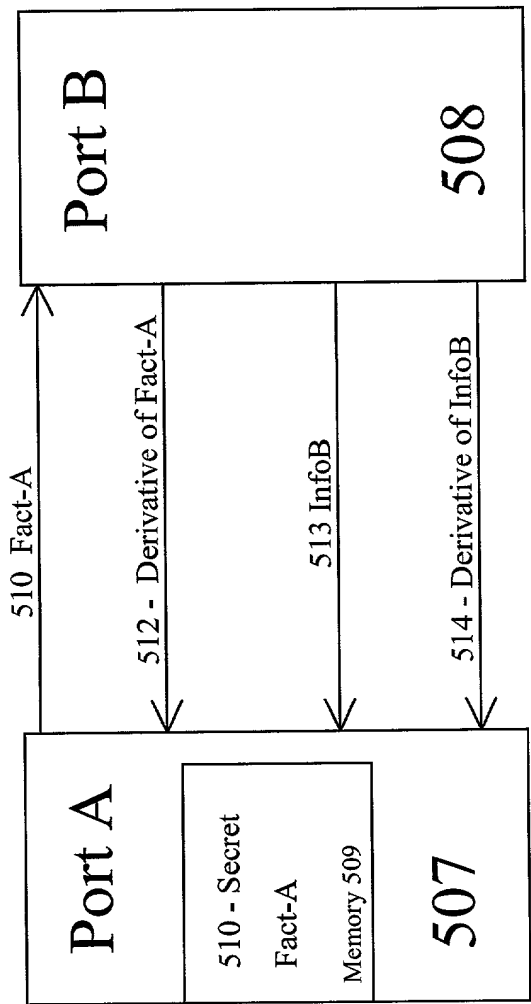


Figure 5b



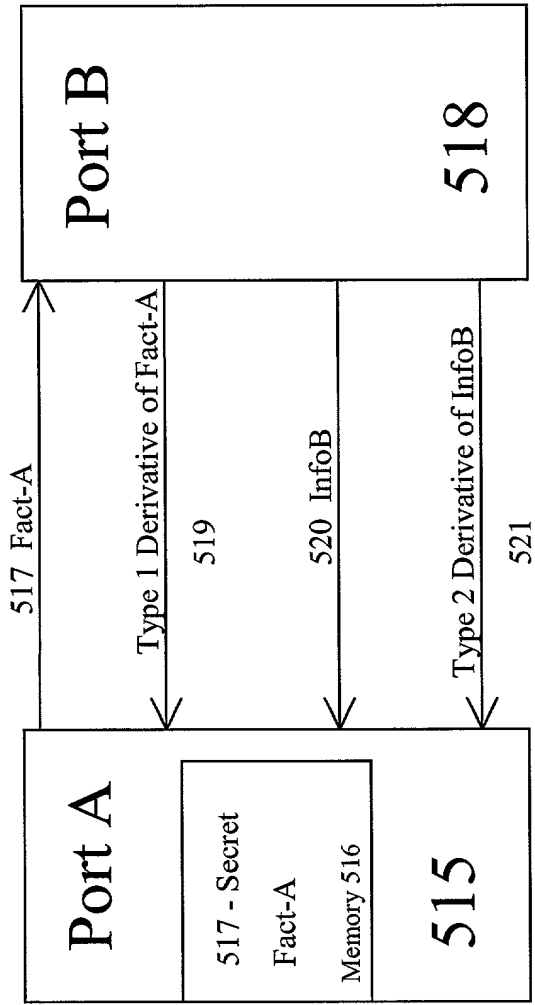


Figure 5c

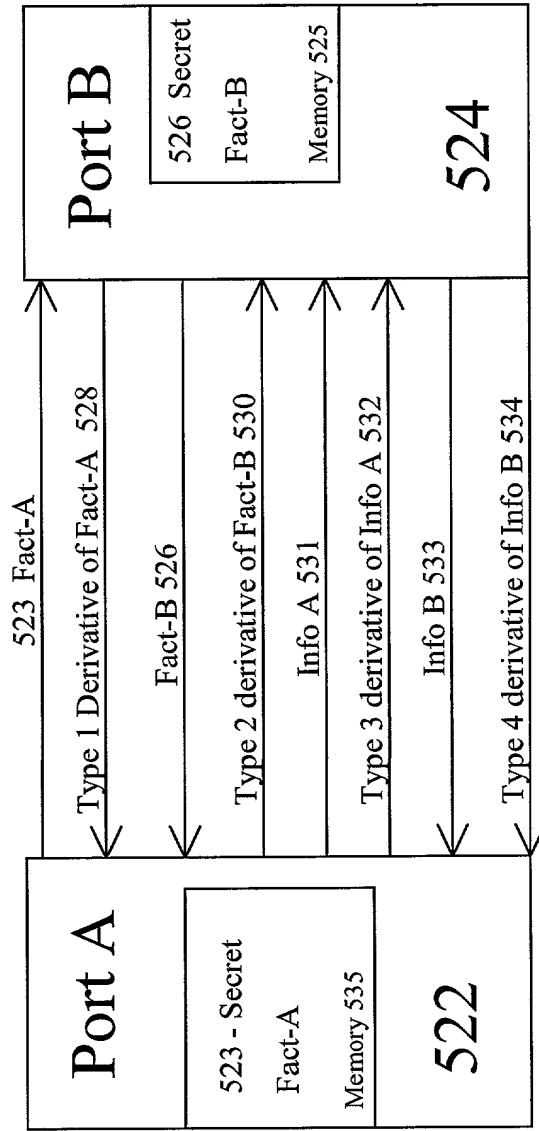


Figure 5d

Step #	Name / Function	Payload
1	Request Authentication	Secret Fact A
2	Acknowledge Request	Secret Fact B; Type 1 derivative of Secret Fact A; InfoB; Type 3-4 derivative of Info B
3	Confirm Authentication	Type 2 derivative of Secret Fact B; InfoA; Type 3-4 derivateve of InfoA

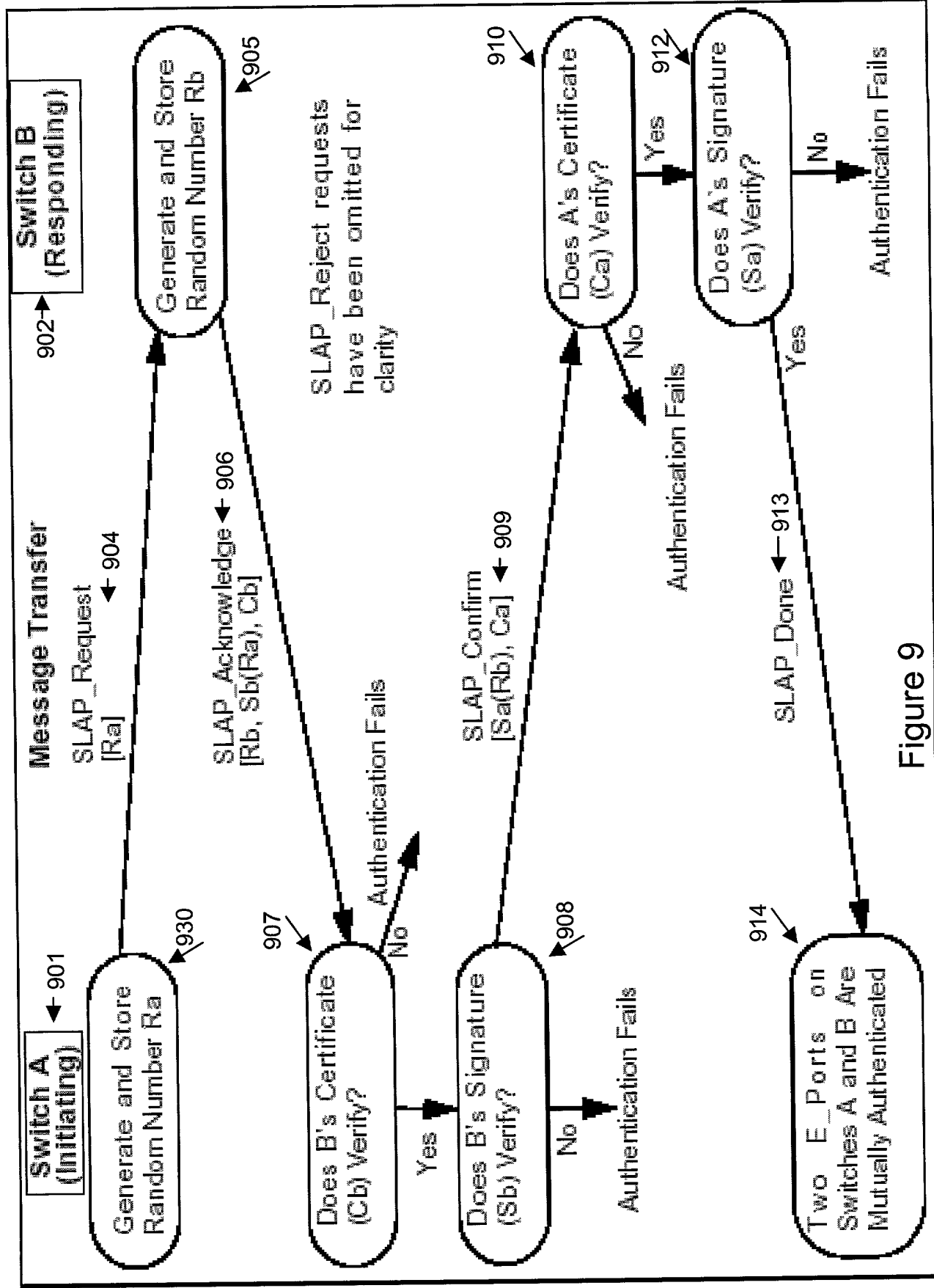
Figure 6

Step #	Name / Function	Payload
1	Request Authentication	Secret Fact A; InfoA; Type 3-4 derivative of InfoA
2	Acknowledge Request	Secret Fact B; Type 1 derivative of Secret Fact A; InfoB; Type 3-4 derivative of Info B
3	Confirm Authentication	Type 2 derivative of Secret Fact B

Figure 7

Step #	Name / Function	Payload
1	Acknowledge Request	Secret Fact B; Type 1 derivative of Substitute Secret Fact A; InfoB; Type 3-4 derivative of Info B
2	Confirm Authentication	Type 2 derivative of Secret Fact B; InfoA; Type 3-4 derivateve of InfoA

Figure 8



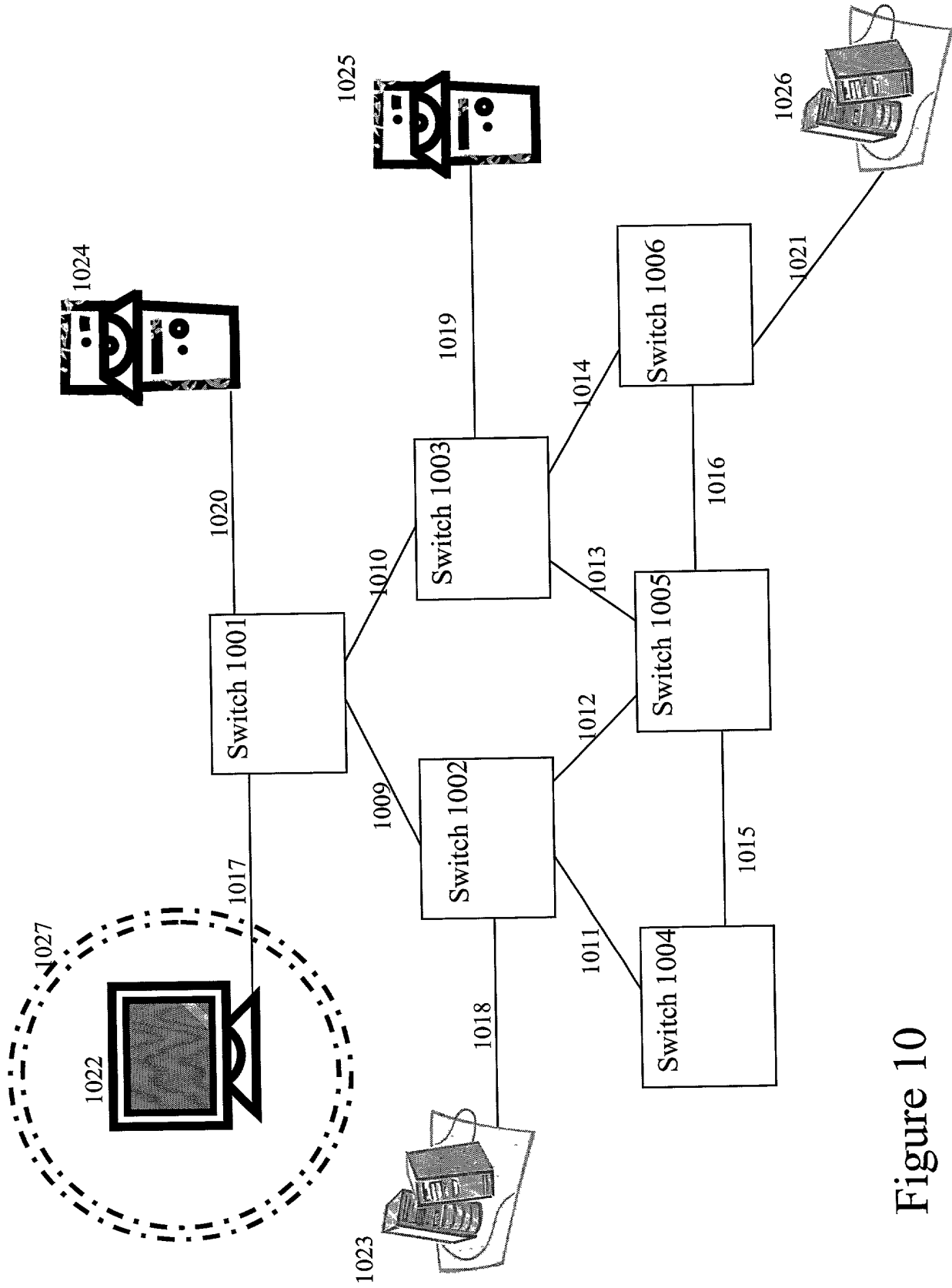


Figure 10

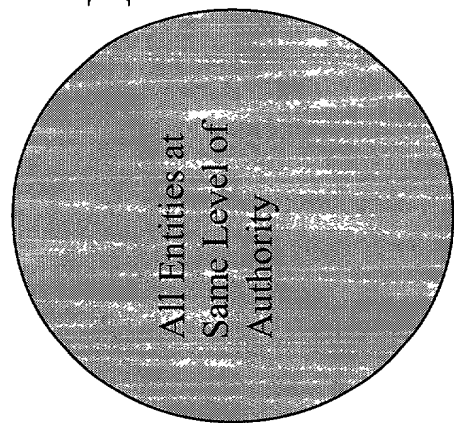


Figure 11a

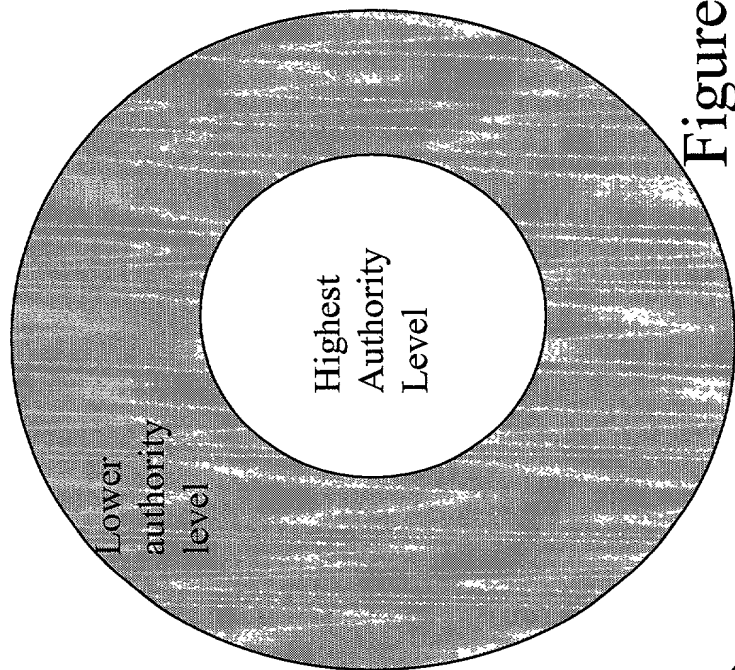


Figure 11b

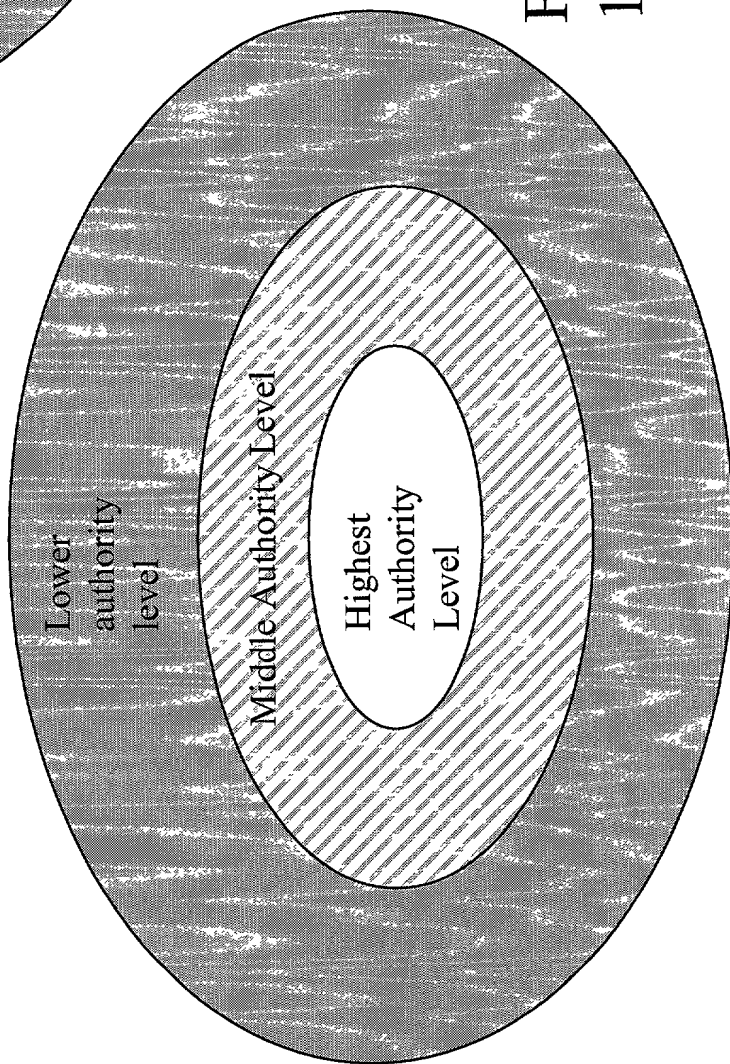
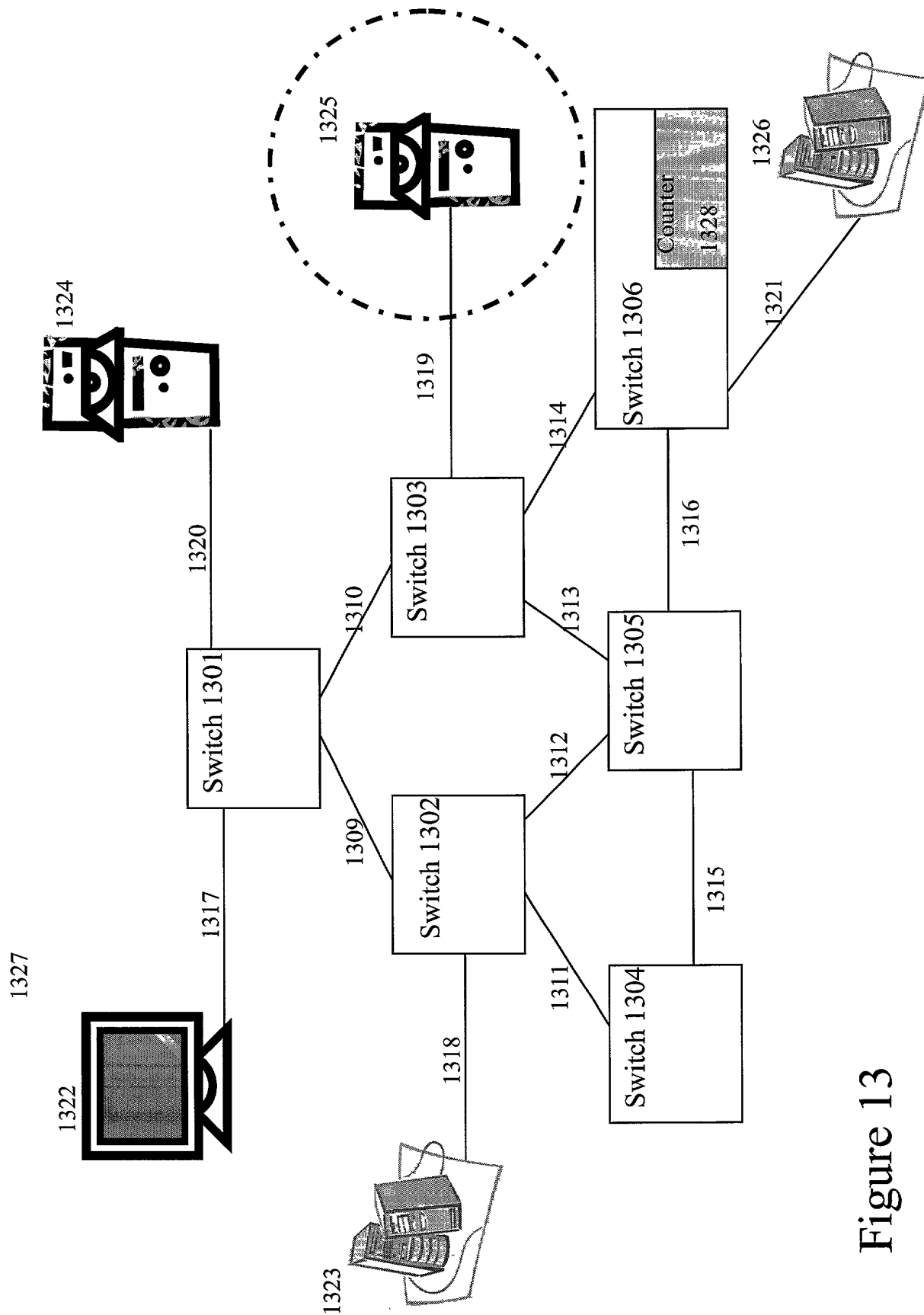


Figure 11c



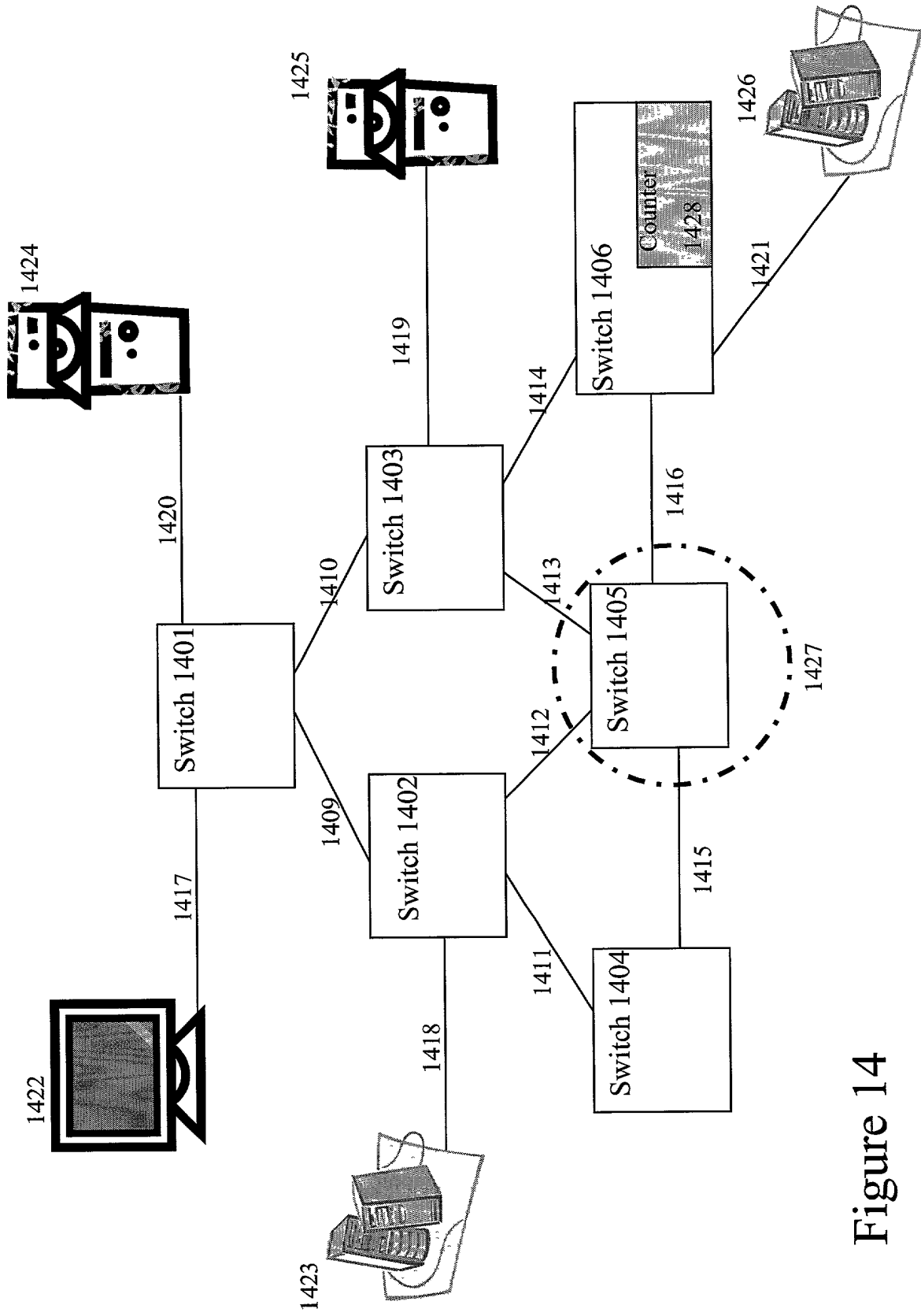


Figure 14

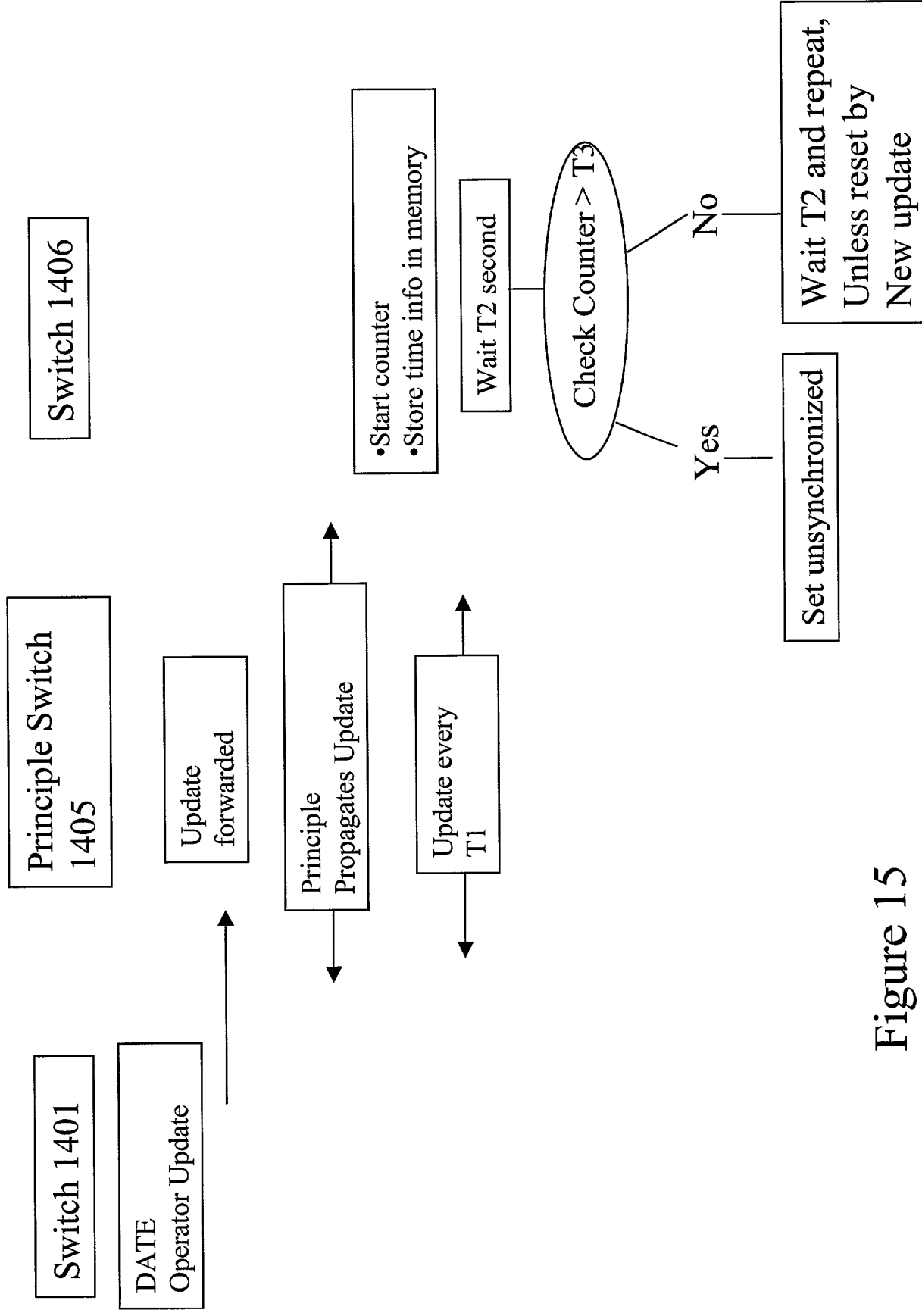


Figure 15

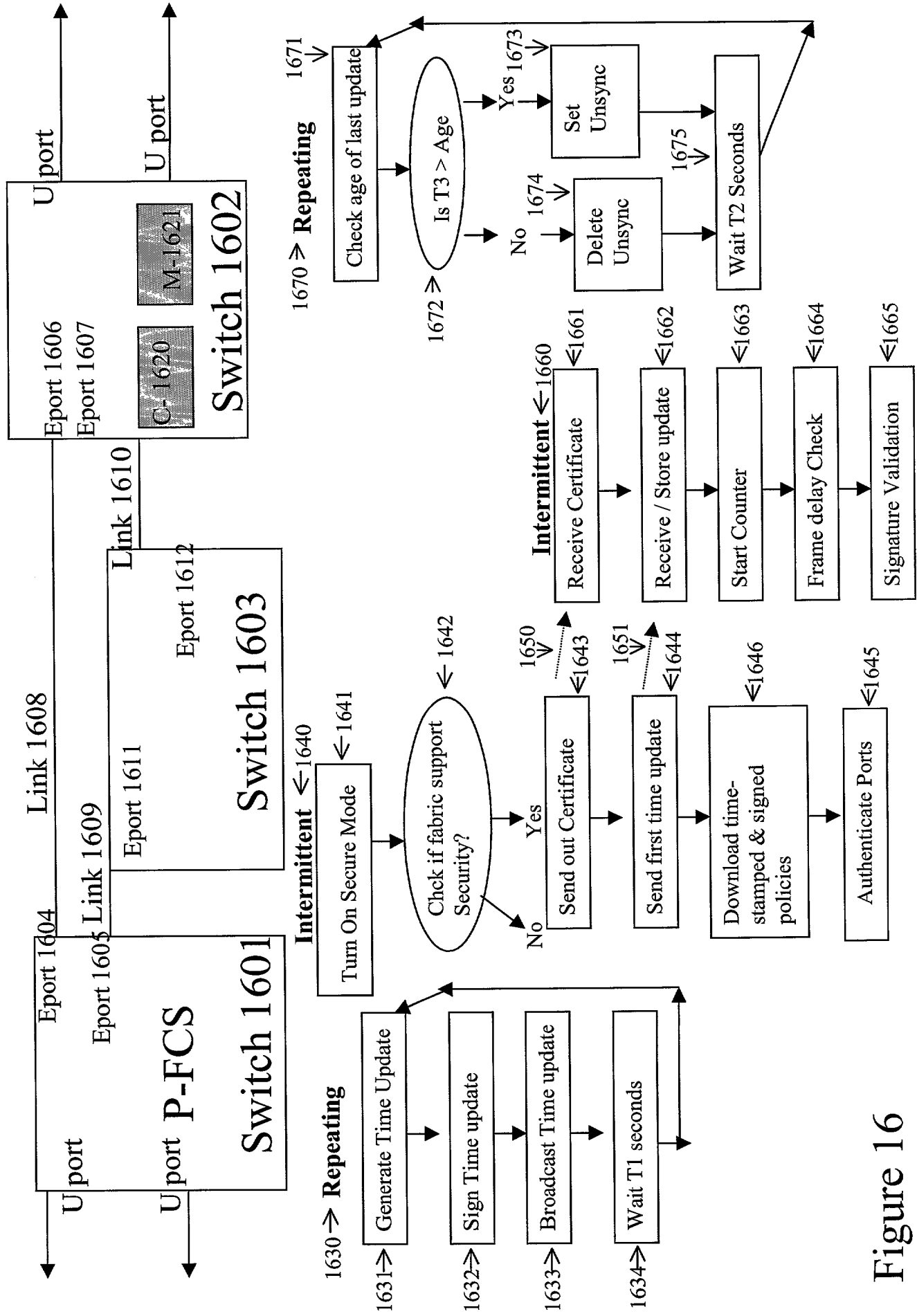


Figure 16